

**CAPACITY SELECTOR VALVE MODEL, DEVICE 2H120****TRAINING CATEGORY:**

AVIATION (Aircraft Catapult Equipment)

**ORIGINATING AGENCY:**

DCNO/AIR

**SECURITY CLASSIFICATION:**

Device 2H120 is unclassified.

**PURPOSE:**

The cutaway is to demonstrate the operation of the valves and cylinders.

**INTENDED USE:**

In Aviation Boatswain's Mate Equipment School for classroom training of enlisted personnel with varying degrees of proficiency in operation and maintenance of equipment used in the launching or recovery of aircraft on an aircraft carrier.

**FUNCTIONAL DESCRIPTION:**

Device 2H120 is a full scale model of the Type C, Mark 13, Mod 1 Catapult Capacity Selector Valve (CSV) designed and fabricated in a cutaway form to reveal internal parts in the valve for the total understanding of the valve components and functions. The model can be hand operated to show internal movement in the cutaway section. The model is mounted on a structural steel stand and base with casters. A vertical information board, mounted in back of the model, illustrates via a diagram, the various components of the CSV assembly and controls.

**PHYSICAL INFORMATION:**

**Number of Pieces:** One (1) Stand Assembly

**Size:** 78" High x 34" Deep x 72" Long

**Weight:** 484 lbs.

## DIRECTORY OF NAVAL TRAINING DEVICES

## PUBLICATIONS FURNISHED:

Operations and Maintenance Guide, Capacity Selector Valve Model, Device 2H120 NAVTRASYS-CEN, P-5353-4 (U).

## PERSONNEL:

**Instructor:** One (1), Chief or 1st Class PO graduate of Aviation Boatswain's Mate Equipment School with actual experience onboard an aircraft carrier.

**Operator:** Instructor-Operated.

**Trainees:** Class of up to 50

**Maintenance:** One (1) hour per 100 hour utilization. (Approximately every 2 months of use)

## CONTRACT IDENTIFICATION:

Manufactured by United Scale Models Southwest, Inc., Houston, TX under NAVTRASYS-CEN, Orlando, FL Contract No. N61339-86-C-0136.

## LOCAL STOCK NUMBER:

6910-LL-C00-6833